Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 07 Jan 2023 until 23:59 on Sunday 08 Jan 2023

Forecast Issued on Friday 06 Jan 2023 at 15:24

Confidence: Milder air and rain on Saturday is soon replaced by a showery, cooler day on Sunday. Then remaining colder until midweek when further mild air and rain returns. Often very windy on the hills with gales and little chance of a completely dry day in this period. Lower confidence in the details of amounts of showers and timing of heaviest rain.

Headline for Saturday 07 Jan 2023: A wet morning with heavy rain at times but becoming drier and brighter for a time later in the afternoon, southwesterly gales early and later in the day.

Mountain weather hazards on Saturday 07 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Heavy Rain	Heavy Rain	Light rain	Sunny intervals	Light rain showers (night)	Cloudy
Precipitation probability							
60%	60%	90%	90%	50%	30%	40%	30%

Forecast for Saturday 07 Jan 2023

Weather: Rain overnight will be light at first but becoming heavier towards dawn. A wet morning is likely with some difficult conditions on the hills before the rain begins to ease and clear early in the afternoon. Some drier spells developing and winds will gradually ease as the rain clears but still fresh or strong and strengthening again during the evening with summit gales later. Some bright or sunny spells through the late afternoon but a few showers developing and they may turn sleety for the highest tops like Kinder Scout during the afternoon and evening, some drier periods can be expected too.

Chance of cloud-free hill tops above 600m: 40% early in the day, improving to 70% by mid afternoon as rainband clears east but showers may reduce the chance in the afternoon.

Low cloud and visibility: Broken or overcast layers of low cloud above 400m in the morning, especially in the west, around more eastern hills cloud may be more scattered and with a slightly higher base around 500m. Visibility will be moderate or poor at times in rain during the morning but soon improving good by early afternoon. By afternoon low cloud will thin and bases will lift above the summits. Visibility will dip poor again in showers especially if they are wintry on the summits but this will be temporary.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 07 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/44 S	34/45 S	34/46 S	30/41 S	21/30 SW	23/32 SW	25/35 SW	29/42 SW	28/41 SW
300	23/34 S	26/38 S	29/42 S	23/35 S	17/27 SW	17/26 SW	19/30 SW	22/35 S	22/35 S
Valley	15/34 S	17/38 S	19/41 S	16/34 S	11/25 SW	11/25 SW	13/29 SW	15/33 S	15/33 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/2	7/2	7/1	7/1	6/1	5/-1	3/-3	3/-4	3/-4
300	10/6	10/5	9/5	9/5	8/5	7/3	5/0	5/-0	5/0
Valley	10/7	10/7	10/6	9/6	9/6	8/5	6/2	6/1	6/2
Freezing Level*	1900m	1900m	1900m	1700m	1400m	1200m	900m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gales at height early in the day and later, otherwise widespread strong winds. Notice the significant windchill later as freezing level dips below 1000m.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 06 Jan 2023	13.4mm	14.2mm	26.6mm

Forecast for Sunday 08 Jan 2023

Weather: Showers or outbreaks of rain in the morning driven in on fresh or strong southwesterly winds, strong summit winds. Some dry and bright weather too and likely to be less showers during the afternoon and evening. Showers may be sleety on the highest summits like Kinder Scout.

Maximum wind: Southwesterly 20mph with gusts 30-35mph.

Chance of cloud-free hill tops above 600m: 60%, low cloud thickening in association with showers.

Low cloud and visibility: Scattered low cloud layers above 600m especially in the south around showers, some gaps in the cloud developing in brighter spells and some nice views possible but visibility turning quite poor if showers clump together or turn wintry on summits.

Temperature: **Valleys:** Plus 8 Celsius.
At 600m: Plus 4 falling to 1 Celsius.
Freezing level: 1000m falling to 800m

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